



**Covering for an Energy Guide Chain
as well as Chain Link and Energy Guide Chain**

FIELD AND BACKGROUND OF THE INVENTION

5

[0001] The object of the invention refers to a covering for an energy guide chain,
a chain link of an energy guide chain, as well as to an energy guide chain.

Please
Enter
Substitute
Spec.

D.J
12/9/2007

10

[0002] Wiring guide units for active guiding of lines, cables or similar with a first
end, which are arranged fixed locally, and with a second end, which is movable,
are known in numerous embodiments.

15

[0003] The classical wiring guide unit, which is also called energy guide chain, or
briefly, energy chain, consists of a number of individual chain links connected to
one another by linking. The chain links have separated side mounting links,
which are connected to one another through traverse links. The mounting links
and the transverse links of the individual chain links, define a common guide
channel of the energy guide chain in which lines, cables or similar can be ar-
ranged.

20

SUMMARY OF THE INVENTION

25

[0004] A wiring guide unit is known from WO 00/13277 for the guidance of at
least one line. The line guide unit has two essentially parallel strands made of
plastic. Each strand is subdivided by transverse separators into a strand with seg-
ments. These transverse separators run perpendicularly to the longitudinal direc-
tion of the strand and are formed at selected distances from one another. They